

Product Fact Sheet



POLYGLYKOL[®] G 500

Humectant for waterborne pigment preparations

COMPOSITION

Glycerol ethoxylate

PRODUCT PROPERTIES^{*)}

| | |
|--|----------------------------------|
| Active substance content | About 100% |
| Appearance at 25 °C | Clear, colourless liquid |
| Density (DIN 51757) at 25°C | About 1,14 g/cm ³ |
| Viscosity (DIN 53015) at 25°C | About 460 mPa·s |
| Solubility at 25°C | Miscible with water in any ratio |
| pH value (DIN/EN 1262), 5% in water | 6 - 8 |
| Soilid point | < 18 °C |
| VOC-content (ISO 11890-2) | < 0,1 wt.-% |

^{*)} These characteristics are for guidance only and are not to be taken as product specifications. The tolerances are given in the product specification sheet. For further information on product properties, toxicological, ecological and safety data, please refer to the safety data sheet.

USE

Polyglykol G 500 is used as humectant for waterborne pigment preparations and offers the following advantages:

- Lower preparation viscosities compared with conventional linear polyglycols,
- low VOC-content,
- little impact on wet scrub resistance at usual charges.

The dosage in pigment preparations varies from 5 – 15% on the preparation.

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The following guide formulations demonstrate the usage of Polyglykol G 500:

| | PB 15:3 | PR 101 |
|---------------------|----------------|---------------|
| Dispersogen® PTS | 6 % | |
| Dispersogen® LFS | | 2 % |
| Dispersogen® MT 200 | | 4 % |
| Polyglykol G 500 | 10 % | 6 % |
| Defoamer | 0,3 % | 0,3 % |
| Biocide | 0,2 % | 0,2 % |
| Water | 33,5 % | 37,5 % |
| Hostaperm® Blue B2G | 50,0 % | |
| Iron oxide red | | 50 % |

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